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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

Complete if Known	
Application Number	Continuation of 09/096,572
Filing Date	June 12, 1998
First Named Inventor	Evans, Christopher H.
Group Art Unit	1632
Examiner Name	Wilson, Michael C. Lavis L.
Attorney Docket Number	018484-002121US

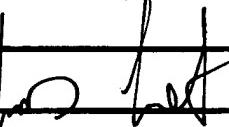
10/086068  
02/26/02

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
LDL	AA	5,081,228		Dower et al.	01/14/1992	
	AB	5,180,812		Dower et al.	01/19/1993	
	AC	5,319,071		Dower et al.	06/07/1994	
	AD	5,334,380		Kilbourn et al.	08/02/1994	
	AE	5,350,683		Sims et al.	09/27/1994	
	AF	5,399,346		Anderson et al.	3/1995	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
LDL	AG	WIPO	91 17184	A	The Upjohn Co.	11/14/1991		
	AH	WIPO	92 11359	A	Univ. of Pittsburgh, etc.	07/09/1992		
	AI	WIPO	92 07943			05/1992		
	AJ	WIPO	94 20517	A	Univ. of Pittsburgh, etc.	09/15/1994		

Examiner Signature		Date Considered	5.17.05
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet **2**

of

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Application Number	09/096,572
Filing Date	June 12, 1998
First Named Inventor	
Group Art Unit	1633
Examiner Name	Wilson, Michael C.

Attorney Docket Number **018484-002120US**



### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
EDL	AK	Aderka et al., <i>Arthritis &amp; Rheum.</i> , 36(8):1111-1120 (09/1993)	
	AL	Allen, et al., <i>J. Immunol.</i> , 151:4344-4351 (1993)	
	AM	Anderson et al., <i>Human Gene Therapy</i> , 1:331-362 (1990)	
	AN	Arend et al., <i>J. Clin. Invest.</i> , 88:1445-1451 (1991)	
	AO	Arend, <i>Advances in Immunology</i> , 54:167-227 (1993)	
	AP	Balavoine et al., <i>J. Clin. Invest.</i> , 78:1120-1124 (1986)	
	AQ	Bandara et al., <i>Arthritis &amp; Rheum.</i> , 35(9):S193 (#C161) (09/1992)	
	AR	Bandara et al., <i>DNA Cell Biol.</i> , 11:227-231 (1992)	
	AS	Bandara et al., <i>Gene Transfer to Synovium</i> , 39th Annual Meeting, Orthopaedic Research Society, p. 242	
	AT	Bandara et al., <i>Proc. Natl. Acad. Sci. USA</i> , 90(22):10764-10768 (11/15/1993)	
	BA	Bandara et al., <i>Transplantation Proceedings</i> , 24(6):2966 (1992)	
	BB	Bandara et al., 1992, <i>Nature</i> , 247:1465-1468 (1990)	
	BC	Bandara, G., et al., <i>J. Cell. Biochem.</i> , Supplement, 0(17), part E:224, XP000566581 (04/12-18/83)	
↓	BD	Barr et al., <i>Science</i> , 254:1507-1509 (1991)	
	BE	Beaulieu, et al., <i>Arthritis &amp; Rheumatism</i> , 37(8):855-859 (08/1994)	

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Date Considered

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Sheet

3

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### Complete if Known

Application Number	09/096,572
Filing Date	June 12, 1998
First Named Inventor	
Group Art Unit	1633
Examiner Name	Wilson, Michael C.

Attorney Docket Number

018484-002120US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
LDL	BF	Bessis, et al., <i>Presse Medicale</i> , 27:580-582 (03/29/98)	
	BG	<i>Biotechnology News</i> , 14(20):1-12 (08/25/94)	
	BH	Bodgan et al., <i>J. Exp. Med.</i> , 174:1549-1555 (1991)	
	BI	Brouckaert, et al., <i>Eur. J. Immunol.</i> , 22:981-988 (1992)	
	BJ	Carter et al., <i>Nature</i> , 344(6267):633-638 (04/12/1990)	
	BK	Conti, P., et al., <i>Immunology</i> , 77:245-250 (1992)	
	BL	Danos and Mulligan, <i>PNAS</i> , 85:6460-6464 (1988)	
	BM	Dayer et al., <i>J. Clin. Invest.</i> , 77:845-848 (1986)	
	BN	Dayer et al., <i>J. Exp. Med.</i> , 162:2163-2168 (1985)	
	BO	de Waal Malefyt et al., <i>J. Exp. Med.</i> , 174:1209-1220 (1991)	
	BP	Deleuran et al., <i>British Journal of Rheum.</i> , 31:801-809 (1992)	
	BQ	Denning et al., <i>FASEB J.</i> , 3:A785 (#3243) (1989)	
	BR	Dia et al., <i>PNAS</i> , 89:10892-10895 (1992)	
↓	BS	Dinarello and Thompson, <i>Immunology Today</i> , 12 (11):404-410 (1991)	
↓	BT	Dinarello et al., <i>JAMA</i> , 269:1829-1835 (1993)	

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Sheet **4**

of

Complete If Known	
Application Number	09/096,572
Filing Date	June 12, 1998
First Named Inventor	
Group Art Unit	1633
Examiner Name	Wilson, Michael C.
Attorney Docket Number	018484-002120US

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
ML	BU	Docherty and Murphy, <i>Ann. Rheum Dis.</i> , 49:469-479 (1990)	
	BV	Eisenberg et al., <i>Nature</i> , 343:341-346 (1990)	
	BW	Englemann et al., <i>J. Biol. Chem.</i> , 264:11974-11980 (1989)	
	BX	Essner et al., <i>J. Immunol.</i> , 142:3857-3861 (1989)	
	BY	Evans et al., <i>J. Cell. Biochem. Supp.</i> 17E, 0:18:48 (Abstract No. 207) (04/3-91992)	
	BZ	Evans, C., et al., <i>Receptor</i> , 4(1):9-15 (1994)	
	BAA	Fanslow et al., <i>Science</i> , 248:739-742	
	BBB	Firestein, G. S., et al., <i>J. Immunology</i> , 149(3): 1054-1062 (08/01/1992)	
	BCC	Firestein, G. S., et al., <i>Curr. Op. Rheum.</i> , 10:238-241 (1998)	
	BDD	Firestein, G. S., et al., <i>Arthritis &amp; Rheumatism</i> , 37(5):844-852 (05/1994)	
	BEE	Forentino et al., <i>J. Immunology</i> , 147:3815-3822 (1991)	
	BFF	Fox, et al., <i>Am. J. Med.</i> , 89:82-88 (07/95)	
	BGG	Galea-Lauri et al., <i>J. Cell Biochem. Supp.</i> 17E., 224(SZ101) (1993)	
✓	BHH	Galea-Lauri et al., <i>J. Cell. Biochem. Supp.</i> 17E., 238 (#SZ307)	
✓	BII	Gatanga et al., <i>Lymphokine Res.</i> , 9(2):225-229 (1990)	

Examiner Signature

Date Considered

6/17/05

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Sheet

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Application Number	09/096,572
Filing Date	June 12, 1998
First Named Inventor	
Group Art Unit	1633
Examiner Name	Wilson, Michael C.

Attorney Docket Number

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CD	BJJ	Gerald J. Prud'homme, <i>J. Gene Med.</i> , 2:222-232 (2000)	
	BKK	Granowitz, et al., <i>Blood</i> , 79(9):2356-2383 (1992)	
	BLL	Gutierrez, et al., <i>Lancet</i> , 339:715-721 (03/21/92)	
	BMM	Hannum et al., <i>Nature</i> , 343:336-340 (1990)	
	BNN	Hart, et al., <i>Proc. Natl. Acad. Sci. USA</i> , 86:3803-3807 (5/1989)	
	BOO	Hellig et al., <i>Clin. Immunology</i> , 13(5): 321-328 (1993)	
	BPP	Houri, et al., <i>Curr. Op. Rheum.</i> , 7:201-205 (05/95)	
	BQQ	Howard and O'Garra, <i>Immunology Today</i> , 13:198-200 (1992)	
	BRR	Hung, G. L., et al., <i>Arthritis and Rheum.</i> , 36(9):S46 (Supplement) XP 000565750 (9/1993)	
	BSS	Ignatz and Massague, <i>J. Biol. Chem.</i> , 261:4337-4345 (1986)	
	BTT	Iigo et al., <i>J. Immunol.</i> , 147:4167-4171 (1991)	
	BUU	Ingontz and Massague, <i>Cell</i> , 51:189-197 (1987)	
	BVV	Joosten, et al., <i>Ann. Rheum. Dis.</i> , 59:196-205 (2000)	
	BWW	Karlsson et al., <i>Bone Marrow Transplantation</i> , 11:124-127 (1993)	
	BXX	Koch et al., <i>Clinical Immunology and Immunopathology</i> , 65(1):23-29 (10/1992)	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

6

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First Named Inventor	
Group Art Unit	1633
Examiner Name	Wilson, Michael C.

Attorney Docket Number

018484-002120US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
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LD	CA	Larrick, <i>Immunology Today</i> , 10(2):61-66 (1989)
	CB	Libert, et al., "Induction of Interleukin 6 by Human and Murine Recombinant Interleukin 1 in mice," <i>Eur. J. Immunol.</i> , 20:691-694 (1990)
	CC	Lombard et al., <i>Arthritis and Rheum.</i> , 36(4):485-489 (1993)
	CD	Lubberts, et al., <i>J. Immunol.</i> , 163:4548-4556 (1999)
	CE	Ma, et al., <i>J. Immunol.</i> , 161:1518-1524 (1998)
	CF	Malyak, M., et al., <i>Arthritis and Rheum.</i> , 36(6):781-789 (06/1993)
	CG	Manthorpe et al., <i>Human Gene Therapy</i> , 4:119-131 (1993)
	CH	McColl et al., <i>J. Exp. Med.</i> , 176:593-598 (08/1992)
	CI	McQuillan et al., <i>Biochem. J.</i> , 240:423-430 (1986)
	CJ	Miller, <i>Retroviral Vectors. Current Topics in Micro-biology and Immunology</i> , 158:1-24 (1992)
	CK	Morales and Roberts, <i>J. Biol. Chem.</i> , 263:12828-12831 (1988)
	CL	Mulligan, <i>Science</i> , 260:926-931 (1993)
	CM	Mulligan, <i>Science</i> , 260:928-932 (1993)
	CN	Nabel et al., <i>Science</i> , 249:1285-1288 (09/14/1990)
W	CO	Nienhaus et al., <i>Cancer</i> 67(10):2700-2704 (1991)

Examiner Signature		Date Considered	5/17/05
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Sheet

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Examiner Name	Wilson, Michael C.

Attorney Docket Number

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CDL	CP	Nienhuis, et al., "Gene Transfer Into Hematopoietic Stem Cells," <i>Cancer</i> , 67(10):2700-2704 (05/15/91)	
	CQ	Ohashi et al., <i>PNAS</i> , 89:11332-11338 (1992)	
	CR	Ohashi et al., <i>Proc. Natl. Acad. Sci. USA</i> , 89:11332-11338 (1992)	
	CS	Orkin, et al., "Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy," (1995)	
	CT	Pahan, et al., <i>J Neurochem.</i> , 75(2):576-582 (2000)	
	CU	Raz et al., <i>PNAS</i> , 90:4523-1527 (1993)	
	CV	Robbins, et al., <i>Gene Therapy for Neoplastic Diseases</i> ; Annals of the New York Academy of Sciences, Edited by Brian Huber and John Lazo, 716:72-89	
	CW	Robbins, et al., <i>Annals of the New York Academy of Sciences</i> , 716:72-89 (06/29/93)	
	CX	Roessler et al., <i>J. Clin. Invest.</i> , 92:1085-1092 (08/1993)	
	CY	Ronald G. Crystal, <i>Science</i> , 270:404-410 (10/20/85)	
	CZ	Ross, et al., <i>Human Gene Therapy</i> , 7:1781-1790 (9/96)	
	CAA	Roux-Lombard, P., et al., <i>Arthritis and Rheum.</i> , 36(4):485-489 (04/1993)	
	CBB	Seitz, et al., <i>J. Immunol.</i> , 152:2060-2065 (1994)	
	CCC	Shalaby, et al., <i>Clinical Immunology and Immunopathology</i> , 53:488-498 (1989)	
V	CDD	Skaleric et al., <i>J. Immunol.</i> , 147:2559-2564 (1991)	

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LJL	CEE	Smolen et al., <i>J. Immunology</i> , 150(8) Part 2:298A (1993), Abstract No. 1704	
	CFF	Streeter et al., <i>Nature</i> , 331:4 1-48 (1988)	
	CGG	Vannier et al., <i>PNAS</i> , 89:4076-4080 (1992)	
	CHH	Weinblatt, <i>Journal of Rheumatology</i> , 19(Sup.32):85-91 (1992)	
	CII	Wooley, et al., <i>Arthritis &amp; Rheumatism</i> , 36(9):1305-1314 (09/93)	
	CJJ	Yang, <i>Critical Reviews in Biochem.</i> , 12(4):335-356 (1992)	

Examiner Signature		Date Considered	S-17-05
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<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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